3.3. Update of Activities in Europe

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1. Agenda

1. Batteries and the European Policy
2. Placing on the market
3. End of Life
4. Transport and Safety
1. Four Key Priorities in the European Agenda

1. Climate Change
2. Renewable and low carbon Energy
3. Critical Raw Materials
4. Resource Efficiency
1. Climate & Energy Goals for 2030

- Energy Crisis
- Temperature increase

EU Climate Change Package - 2020

- 20% Renewable Energies
- 10% Renewable Energy in Transport

- 20% Energy consumption reduction

- 20% GHG emissions reduction

Impact on cars
- 95 gr CO₂ in 2020
- Use 10% Renewable fuels: biofuels, electricity, biogas, hydrogen

And also, but without specific target except country targets
* diversify energy mix and be involved in modal shifts
1. Climate & Energy Goals: targets

1. A binding greenhouse gas reduction target
   • Reduction of GHG emissions by 40% below 1990 level
   • Request that EU Council & Parliament pledge for this 40% during the international negotiations on a new climate agreement due to be concluded in Paris at the end of 2015

2. An EU-wide binding renewable energy target
   • Renewable energy target of 27%

3. Energy Efficiency
   • Details in the review of the Energy Efficiency Directive due to be concluded later in 2014.

4. Competitive, affordable & secure energy — alignment across Member States
1. Climate change: the COP 21 & Energy Goals

Consequences of the success of the COP 21 conference in Paris

1. Ratification process on going, maintaining a dynamics

2. More support/incentives from Members states to implement the CO2 reduction means

3. Trend of Electric vehicle development boosted.
1. Resource Efficiency-Critical Raw Materials

‘Critical’ in the meaning of a high supply risk (political stability – concentration of supply) combined with a high economic relevance.

20 CRM identified:
antimony, beryllium, cobalt, fluorspar, gallium, germanium, indium, magnesium, natural graphite, niobium, platinum group metals, light & heavy rare earths, tungsten, borates, chromium, coking coal, magnesite, phosphate rock, silicon metal.
1. Priority on Circular Economy Package

A complete plan for “Circular economy” has been drafted.

For what concerns batteries:

First revision (on-going) is the package of **Waste directives**
- Vote expected before end of the year.
- Some changes possible to the Battery directive.

2. Placing on the Market -1

• **Battery Directive:**

  • 2017 is the end of the exemption for POM Ni-Cd batteries for power tools.
  
  • Amendments proposed by the EU Parliament in the “Waste Directives” review
    
    – about design phase: phasing out of the “hazardous substances”, limit “planned obsolescence”, inform customer about life duration, promote use of recycled material, etc... : RECHARGE opposed.
    
    – about data collection harmonization: RECHARGE support.
2. Placing on the Market -2

• 2. REACH:
  - Follow-up of substances used in Batteries, possibly under REACH authorisation process
  - Information requirement for the article containing more than 0.1% of SVHC substances. Required for all Lead and Cd batteries.

  - New website for the industry for REACH regulation: Support application of the regulation for workers protections based on OEL, when applicable, instead of REACH authorisation process.

  - Consolidation of the status of batteries as articles (contrary to the US OSHA position)
2. Placing on the Market -3

• 3. **ECODESIGN**
  - Review of the scope to extend from “energy” scope to “materials” scope.
  - Batteries transversal approach may be proposed.

• 4. **Product Environmental Footprint and ECOLABEL**
  - Recharge pilot project of PEF for batteries is finishing end 2016.
  - Strong pressure on the Commission pilot to provide usable tool for the future ENVI regulation.
1. BATTERIES DIRECTIVE.
   • Difficult consolidation of European data by Eurostat. Report not yet available...

   • RECHARGE updated positions for the EPR and EOL treatment of batteries: limit changes, precise 2\textsuperscript{nd} life
     – Batteries collection day (May 31rst 2017)
     – Communication to the Commission and Parliament ENVI commission.

   • Several organisations are promoting positions papers for the revision of the definitions of Portable/industrial batteries, Collection targets, Recycling efficiency

   • Labelling (specific presentation)

2. WASTE FRAMEWORK DIRECTIVE
   • Review on going: support a limitation in the changes on the BD until revision.
   • List of Waste update at the Commission agenda, including batteries. => all batteries considered “hazardous waste”?
3. WEE directive:
- moving toward a standardisation for the “recyclers process certification” => spread to the batteries?

4. ELV Directive
- Follow up of Eurobat work about renewal of the exemption for lead acid batteries (annex 2 in ELV directive): EU Commission has proposed an extension of the exemption, to be voted before the end of the year.

5. Sorting of the Li-ion batteries in the lead-acid waste streams
- Working group with EUROBAT
- IEC proposal to launch a new labelling standard under discussion.
Many proposals voted at the December and June UNSCTDG Session in Geneva.

Vote of most of the proposals from the UN informal Working group about UN safety testing of large Li batteries and definitions (UN 38.3 revision).

TRANSPORT OF DANGEROUS GOODS: Road (ADR/RID):
• update of SP 636 for the regulation of WEEE containing Lithium batteries

TRANSPORT OF DANGEROUS GOODS: Air (ICAO):
• new ban for Li-ion in cargo of passengers aircrafts, SOC limitation
• delegation of a packaging standard to SAE G-27.
-> Threat for the batteries in equipment.
4. Transport and safety

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SAFETY : significant move toward standardisation

• **IEC 62902** Standard TC21 WG9 Batteries marking symbols for identification
  March 13 – Netherlands/ May 26 – Paris / Nov 2 Tokyo

• **ISO 17840I**: SO/CTIF standardisation work in the ISO/TC22, about a rescue sheets and the emergency Follow up.
  • part 1: should be publish soon.
  • part 2 rescue sheets for bused and coaches
  • Part 3: training manuals
  • part 4: Drive line identification signs
  • Discussion about the communication supports on going.
Thank you for your kind attention!

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